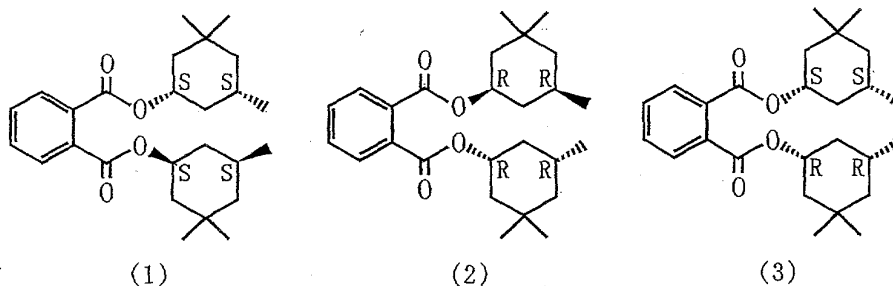


CLAIMS

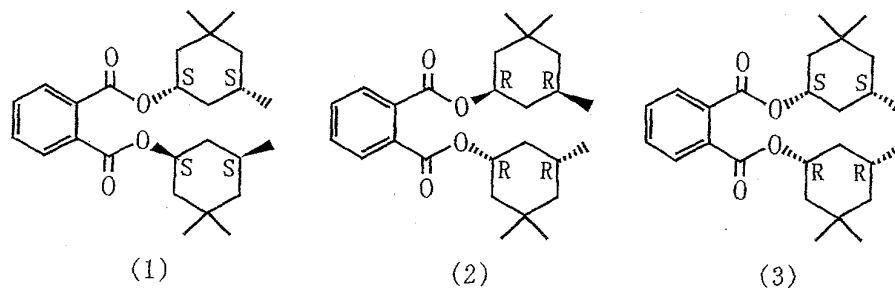
1. Bis(cis-3,3,5-trimethylcyclohexyl) phthalate comprising stereoisomers represented by following Formulae (1), (2) and (3) and satisfying the following conditions:



$$a+b+c=100, \text{ and } 50 < a+b \text{ or } 50 < c$$

wherein a, b and c are mole percentages of the stereoisomers represented by Formulae (1), (2) and (3), respectively.

2. A process for the preparation of bis(cis-3,3,5-trimethylcyclohexyl) phthalate, comprising the steps of allowing cis-3,3,5-trimethylcyclohexanol to react with phthalic acid or a reactive derivative thereof and purifying the resulting mixture of stereoisomers of bis(cis-3,3,5-trimethylcyclohexyl) phthalate to thereby yield bis(cis-3,3,5-trimethylcyclohexyl) phthalate comprising stereoisomers represented by following Formulae (1), (2) and (3) and satisfying the following conditions:

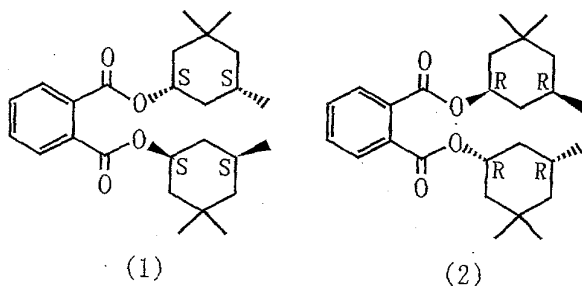


$a+b+c=100$, and $50 < a+b$ or $50 < c$

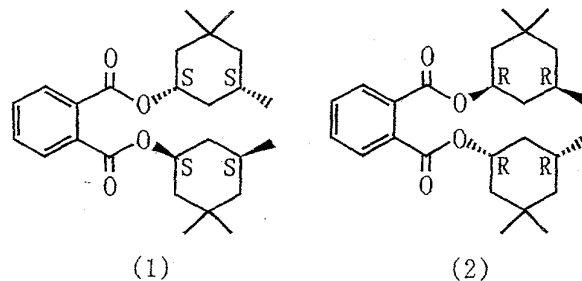
wherein a, b and c are mole percentages of the stereoisomers represented by Formulae (1), (2) and (3), respectively.

3. The process for the preparation of bis(cis-3,3,5-trimethylcyclohexyl) phthalate according to claim 2, wherein the mixture of stereoisomers of bis(cis-3,3,5-trimethylcyclohexyl) phthalate is purified by crystallization.

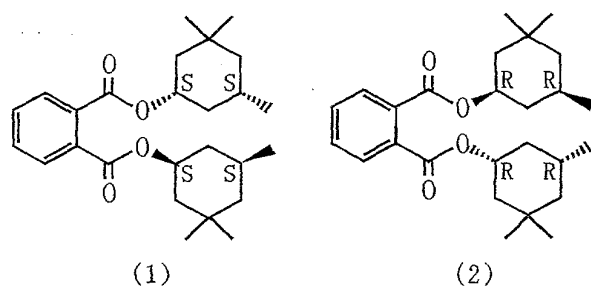
4. dl-Bis(cis-3,3,5-trimethylcyclohexyl) phthalate comprising a compound represented by following Formula (1) and a compound represented by following Formula (2):



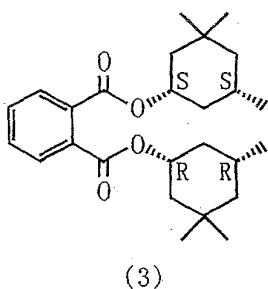
5. An optically active bis(cis-3,3,5-trimethylcyclohexyl) phthalate represented by following Formula (1) or (2):



6. A process for the preparation of an optically active bis(cis-3,3,5-trimethylcyclohexyl) phthalate, comprising the steps of allowing cis-3,3,5-trimethylcyclohexanol to react with phthalic acid or a reactive derivative thereof and optically resolving the resulting mixture of stereoisomers of bis(cis-3,3,5-trimethylcyclohexyl) phthalate to thereby yield an optically active bis(cis-3,3,5-trimethylcyclohexyl) phthalate represented by following Formula (1) or (2):

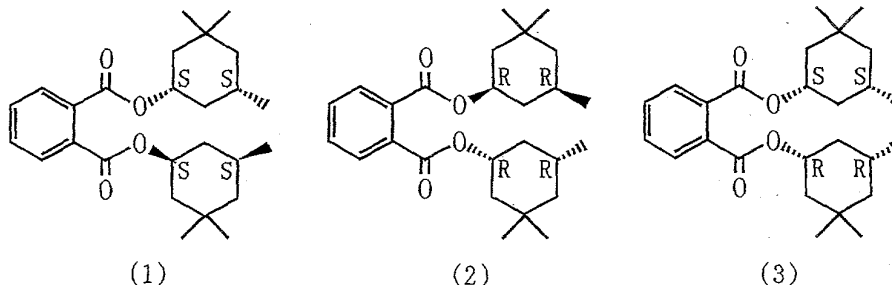


7. meso-Bis(cis-3,3,5-trimethylcyclohexyl) phthalate represented by following Formula (3):



8. A thermoplastic resin composition comprising a thermoplastic resin and a solid plasticizer, the solid plasticizer comprising stereoisomers represented by following Formulae (1), (2) and (3) and satisfying the

following conditions:



$$a+b+c=100, \text{ and } 50 < a+b \text{ or } 50 < c$$

wherein a, b and c are mole percentages of the stereoisomers represented by Formulae (1), (2) and (3), respectively.

9. The thermoplastic resin composition according to claim 8, further comprising a tackifier.

10. The thermoplastic resin composition according to claim 8 or 9, which is an aqueous composition including the thermoplastic resin dispersed in water.

11. A heat-sensitive tacky adhesive comprising the thermoplastic resin composition as claimed in any one of claims 8 to 10.

12. A heat-sensitive tacky adhesive sheet comprising a base sheet and a tacky adhesive layer formed at least on one side of the base sheet, the tacky adhesive layer comprising the heat-sensitive tacky adhesive as claimed in claim 11.

13. A process for the production of a heat-sensitive tacky adhesive sheet, comprising the step of applying the heat-sensitive tacky adhesive as claimed in claim 11 at least on one side of a base sheet to thereby form a tacky adhesive

10069886-030402

5

20

25

layer.

10069886 .030402